

# PMU COURSE DESCRIPTION

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## EcoStruxure Power Monitoring Expert (PME) 9.x Project Deployment for System Integrators

### Overview

The Power Monitoring Expert Project Deployment course provides students with the resources to successfully commission a “standalone” Power Monitoring Expert system. Students will follow a Standard Scope of Work to collect information from the customer, prepare the server and operating system, install Power Monitoring Expert and program the software to meet the customer’s needs.

### Duration

4 Days (M-W 8am-5pm / Th 8am-3pm). *Please book departing flights for 5pm or later on the last day of class.*

### Who should attend

This training course is an integral part of the complete Schneider Academy curriculum. This course is designed for:

- Solution Application Engineer
- System Integrator / Partner
- Services Engineer / Technical Support L1/L2/L3

### Prerequisites

- Be familiar with the concepts of power monitoring
- Be familiar with the concepts of energy management
- Be familiar with Microsoft Windows
- Be familiar with Power Monitoring Expert

## Students will be able to

- ❑ Describe the architecture of a Power Monitoring Expert System
- ❑ Describe the commissioning steps to deploy Power Monitoring Expert
- ❑ Perform a “standalone” installation of Power Monitoring Expert
- ❑ Connect and organize power meters and devices in the system
- ❑ Configure power meter devices with recommended settings and parameters
- ❑ Design and create custom graphic screens to display system data
- ❑ Configure dashboards to display historical data in interactive gadgets
- ❑ Configure report templates to display historical data

## Agenda

### Day 1 Topics

**Metering and Communications**

**Meter Wiring and Configuration**

**Logging Setup**

**Alarms Configuration**

**Waveform Capture Setup**

### Day 2 Topics

**Power Monitoring Expert Architecture**

**Software Installation**

## **Standards Scope of Work**

**Device Management**

**Logical Devices Setup**

**Graphic Screens Configuration**

## **Day 3 Topics**

**Designer Introduction and Navigation**

**ION Meter Backup and Restore**

**Real time data**

**Historical and Alarm/Event data**

## **Day 4 Topics**

**Dashboard Configuration**

**Report Configuration**

**System Backup and recovery**

**Troubleshooting with system tools**

**Course Summary**